



U.S. Department of Energy
Energy Efficiency
and Renewable Energy



Norwich Clean Cities

Recent Accomplishments & Future Goals

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Clean Cities Coordinator Peer Exchange
Pittsburgh, PA
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Coalition Status and Sustainability

- Current Status
 - Coordinator is part time and has two part time staffers
- Membership Structure / Strategies
 - Members have been recruited by personal contact and visits. We are not a dues paying organization, but have developed a working relationship with Norwich Public Utilities for financial support.
- Steps to Become Self-Sustaining
 - NPU has provided minimum \$ to keep us going.
 - We have been successful getting an earmark for an Advanced Bus Rapid Transit system that is also providing partial financial support as the goals for the project and Clean Cities overlap.



Significant/Noteworthy Vehicle Projects

- As of April 15, 2007 we initiated the first year's work on the ATBRT project with Transit District.
- We helped NPU to apply for CMAQ/ CT AFV Project support for a Heavy Duty Hybrid Diesel-Electric Bucket Truck and a Hybrid Ford Escape.
- We helped Groton Public Works Dept to apply for CMAQ/AFV Project support for three Hybrid Ford Escapes and a Hybrid Toyota Prius.



International DuraStar Hybrid



The International® DuraStar Hybrid delivers cleaner transportation without sacrificing performance. As a proud supporter of the Hybrid Truck Users Forum (HTUF) and the 21st Century Truck forum, International is committed to the development of diesel electric hybrid technology. Our goal – improved uptime, reduced operating costs, and a cleaner environment. And that keeps everyone Miles Ahead. Mother Nature included.

This will be NPU's first Heavy Duty Hybrid



Significant/Noteworthy Fueling Infrastructure Projects

- NCC is working with NPU to add an additional compressor to the current CNG station and increase the reliability of the system
- NCC is continuing to work with the Submarine Base to convert their on-base HD fleet to Biodiesel. (Project on hold)
- NPU is considering B20 primarily for off-road diesel equipment needs.



Significant/Noteworthy Coalition Outreach Activities

- On Nov 20, 2006 the combined Connecticut Clean Cities and Rhode Island Clean Cities had a very successful Advance the Choice event at Mohegan Sun Conference Center
- On May 2, 2007 we set up and manned a Clean Cities display on “Environment Day” at a Norwich Middle School.
- On May 18, 2007 we joined with Honda for a “Ride & Drive” event for fleet owners and the public to demonstrate and market the NPU fueling station and the Honda GX.
- On May 19, 2007, after we previously coached two Norwich Middle Schools, we attended the Connecticut Junior Solar Sprints competition at which the Norwich students took places 1 thru 4 in the speed events and two awards for technical merit.



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Clean
Cities

SAVE the DATE!

**Connecticut/Rhode Island Clean
Cities Clean Vehicle Expo and
Workshop**

8:00 AM – 3:00 PM

Monday, November 19th, 2007

**Mohegan Sun Conference Center
Uncasville, CT**

CT & RI's only event focused exclusively
on the latest alternative fuel vehicle
technologies.

See the latest natural gas, hybrid electric,
ethanol and biodiesel vehicles.

Learn about incentives available to
purchase clean vehicles, trucks and
buses.

Meet the businesses that can help you put
a clean vehicle on the road...today!

Visit

www.cleancitiesct-ri.com

For more info!



Event Sponsored by the Clean Cities Coalitions of Norwich, Greater New Haven, Rhode Island,
Greater Hartford/Capital Region, Southwest CT, and many more.



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Honda / NPU / Norwich Clean Cities Public Ride & Drive Event



The Junior Solar Sprints – Connecticut Competition



An instructor assists a student



The Members of the 26, Two-person JSS Teams
from Norwich and Their Adult Leaders



Significant/Noteworthy Expanded Portfolio Activities

Our ATBRT is a significant addition to our portfolio, e.g. probable use of Hybrid Transit Buses represents a new area for NCC. It opens the arena for the widespread use of lower emission, higher efficiency transit buses in Southeastern Connecticut



Lessons Learned

- All Connecticut and Rhode Island Clean Cities partnered for our Advance the Choice event. By combining our \$ we were able to stage a very impressive event to our largest audience ever.
- Combined Honda/NPU/NCC public event – plan for a rain date!
- We had good press, before and after the Honda event, but we need to come up with a better PR campaign to attract more people.
- Don't be afraid to think BIG and “out of the box” on new projects – e.g. the success of our FTA ATBRT project.



Goals for 2007 & Beyond

- Promote wider use of Biodiesel blends in the region through meetings with municipal and private fleet managers and fuel providers
- Generate an anti-idling initiative in Southeastern Connecticut
- Continue to increase the number of AFVs in our region

